

$$RE_k = \frac{\sum_{t_j > t_k - T} d_j}{T}$$

FIG. 1

$$RE_{k-1} = \frac{\sum_{t_j > t_{k-1} - T} d_j}{T}$$

FIG. 2

$$RE_k = RE_{k-1} + \frac{d_k - \sum_{j: j \leq k-1, i_j > k-1} d_j}{T}$$

FIG. 3

$$\hat{RE}_k = \frac{19}{21} RE_{k-1} + \frac{1}{21} (RE_k + RE_{k-1})$$

FIG. 4

```

if (3 DUPACKs are received) ~502 ~506 ~564
500 ~if (cwin / ((RE * RTTmin) / seg_size) > 0) /* Congestion condition */
503 ~sssthresh = (RE * RTTmin) / seg_size;
    else /* no congestion */ ~508
507 ~sssthresh = (BE * RTTmin) / seg_size;
    endif
509 ~if (cwin > sssthresh) /* congestion avoid. */
    cwin = sssthresh;
    endif
endif

```

FIG. 5

```
if (3 DUPACKs are received) 600
    ssthresh = (ABSE * RTTmin) / seg_size;
    if (cwin > ssthresh) /* congestion avoid. */
        cwin = ssthresh;
    endif
endif
```

In case a packet loss is indicated by a timeout expiration, *cwin* and *ssthresh* are set as follows:

```
if (coarse timeout expires) ~602
    cwin = 1; ~604
    ssthresh = (ABSE * RTTmin) / seg_size;
    if (ssthresh < 2) ~606
        ssthresh = 2;
    endif
endif
```

FIG. 6

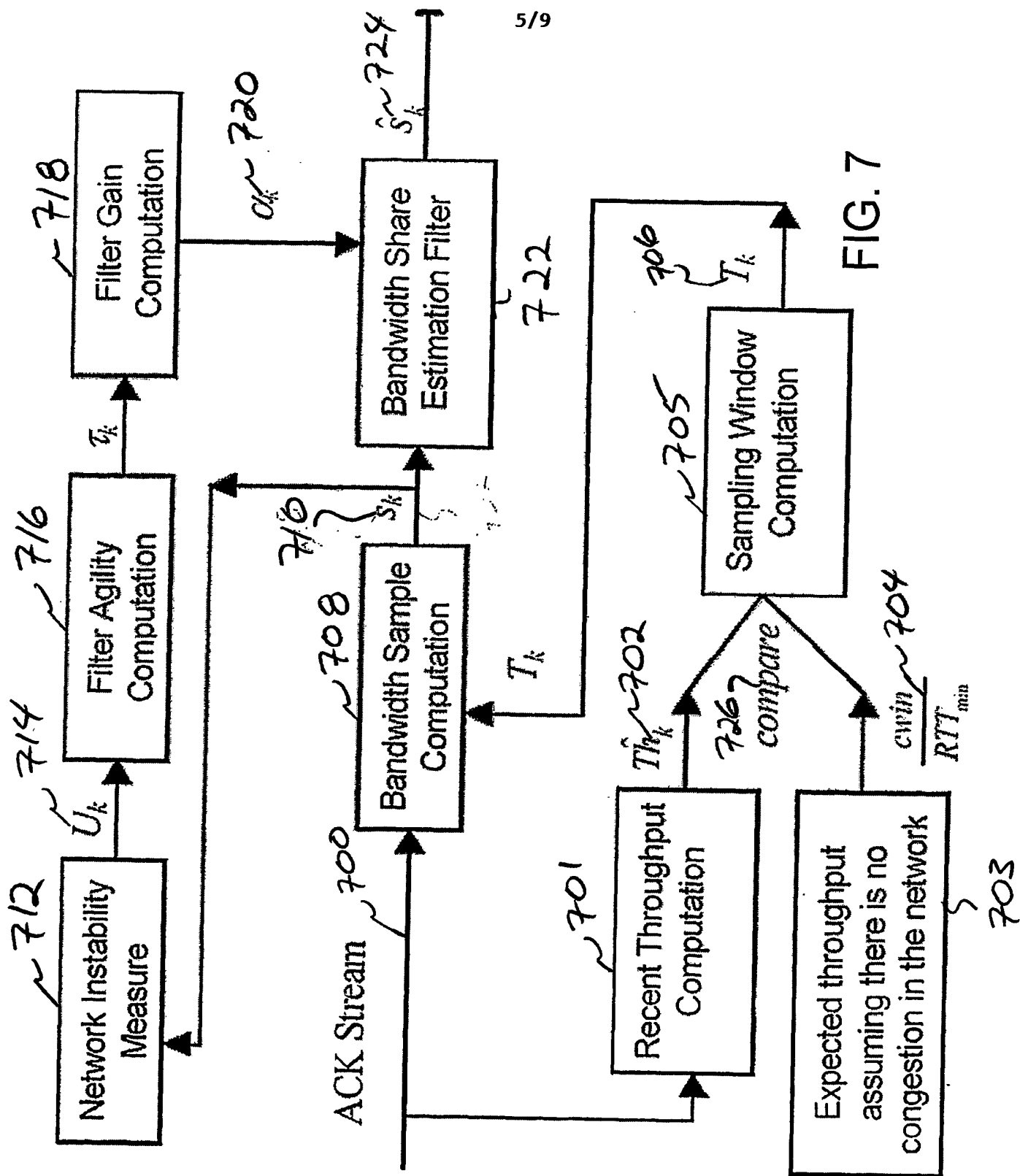
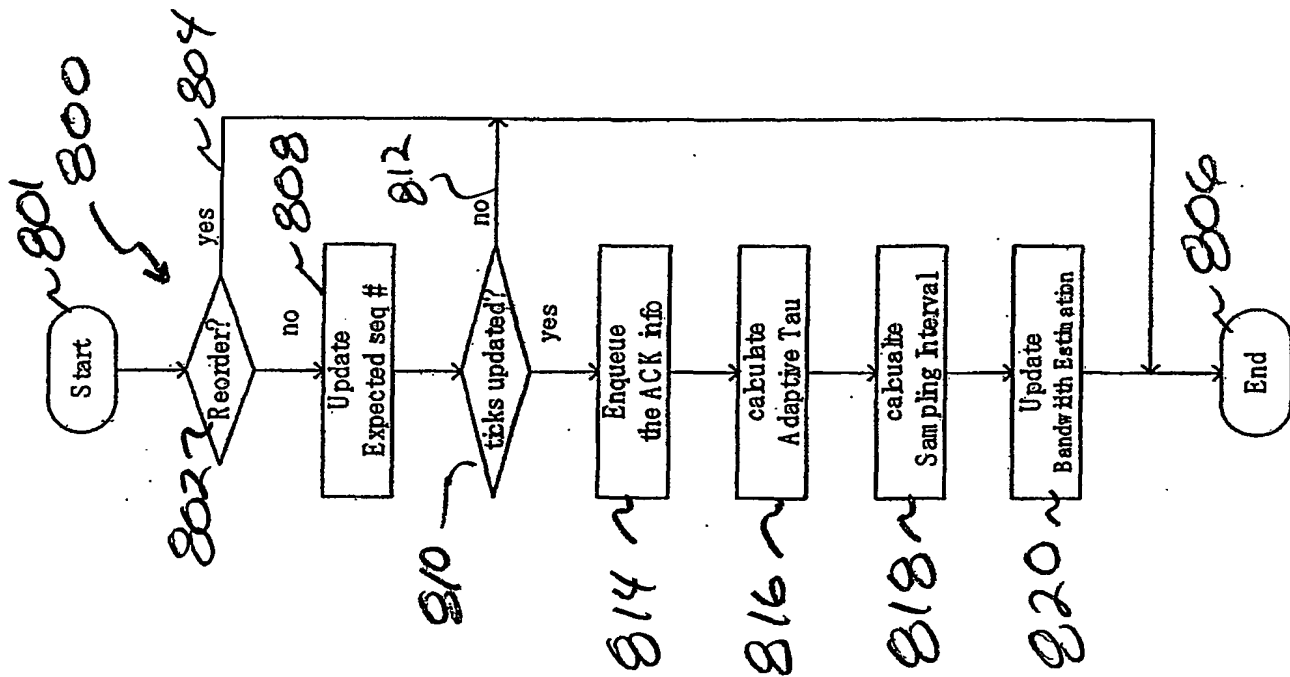


FIG. 7



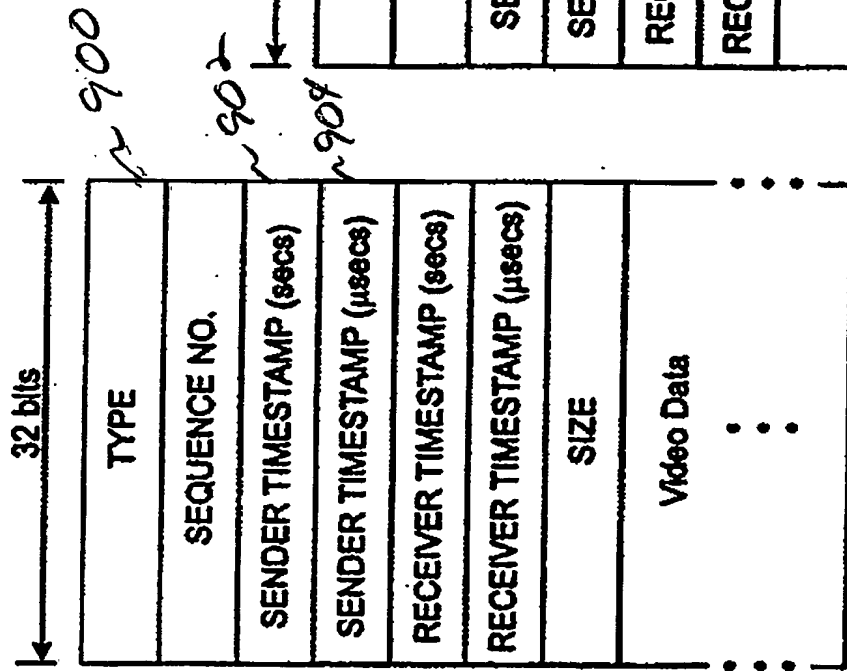


FIG. 9

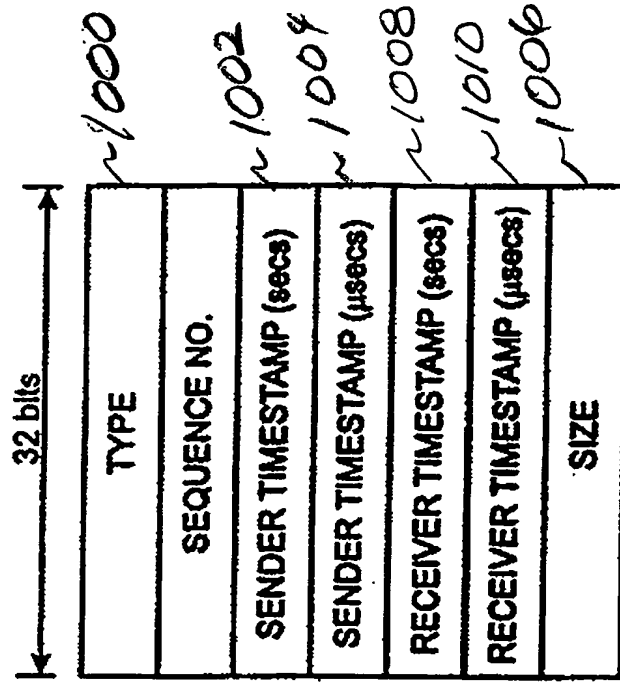


FIG. 10

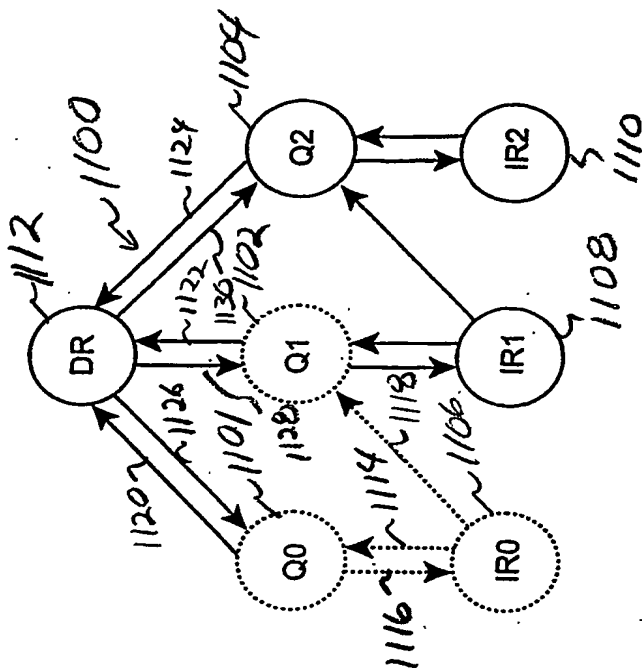
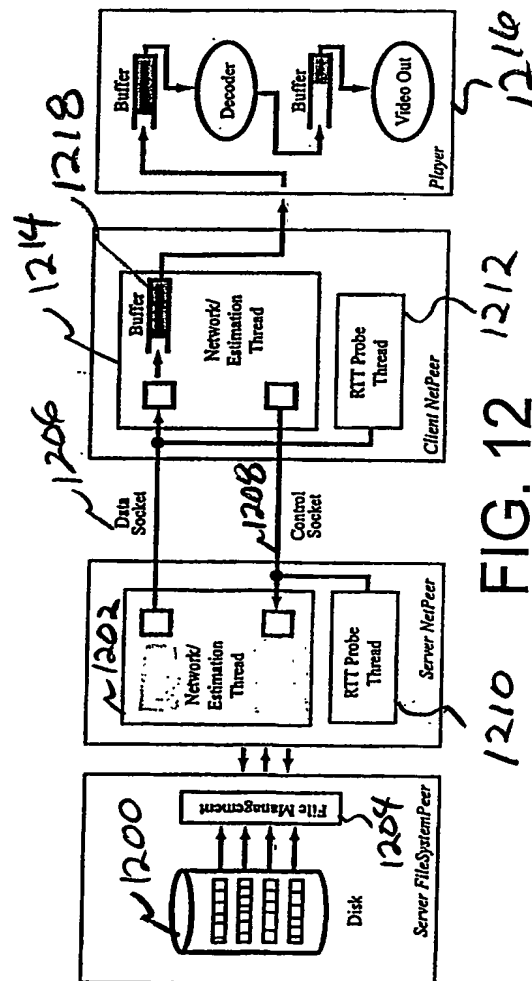


FIG. 11





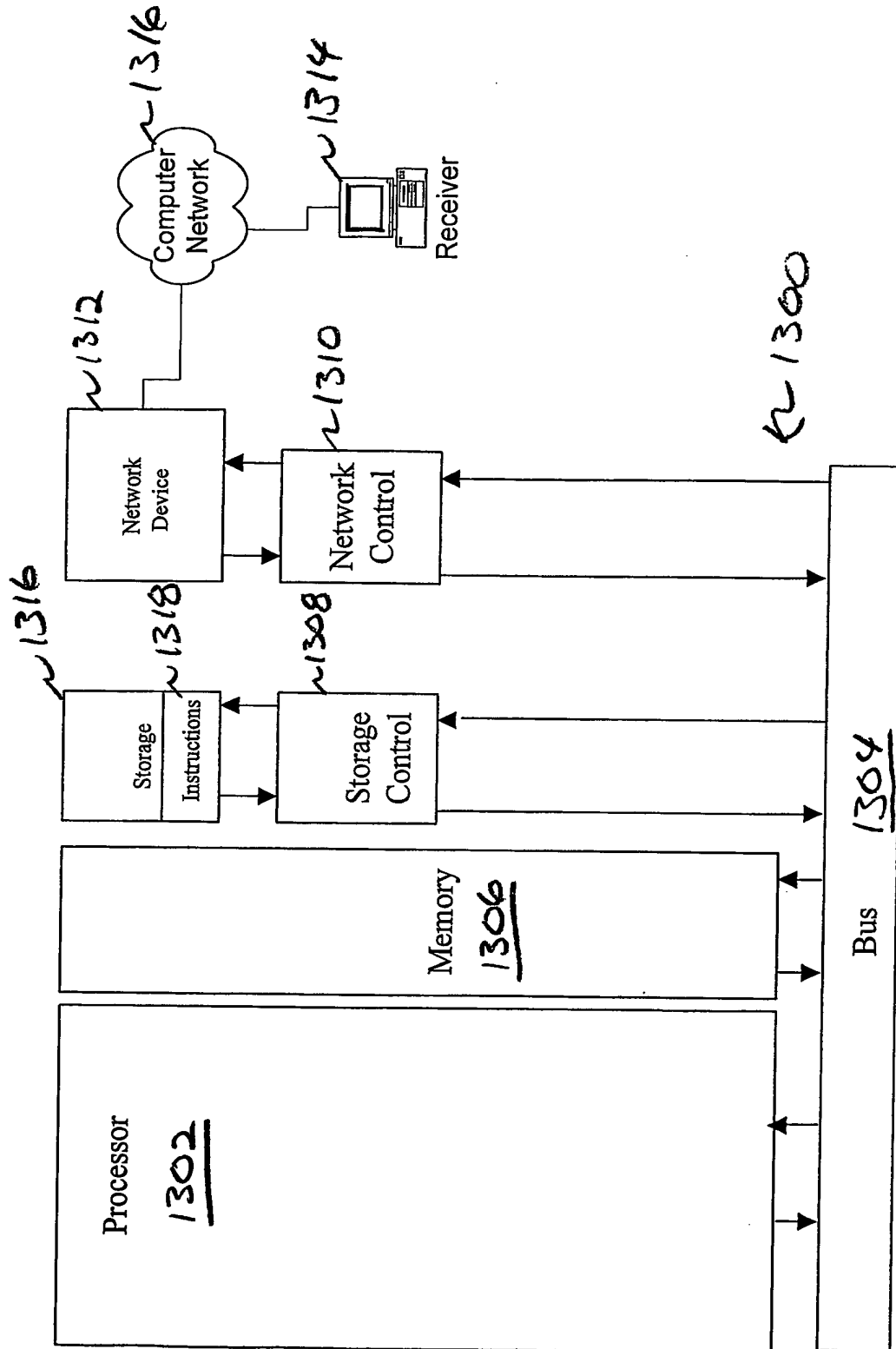


FIG. 13